#6

OIPE

RAW SEQUENCE LISTING   DATE: 10/03/2001
PATENT APPLICATION: US/09/854,844   TIME: 15:31:30

        Input Set : A:\LEX-0176-USA SEQLIST.txt
        Output Set: N:\CRF3\10032001\I854844.raw

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     4 <110> APPLICANT: Hu, Yi                    ENTERED
     5       Kieke, James Alvin
     6       Olson, Andrew
     7       Turner, C. Alexander Jr.
     9 <120> TITLE OF INVENTION: Novel Human Protease and Polynucleotides Encoding the Same
    11 <130> FILE REFERENCE: LEX-0176-USA
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/854,844
C--> 13 <141> CURRENT FILING DATE: 2001-09-17
    13 <150> PRIOR APPLICATION NUMBER: US 60/205,275
    14 <151> PRIOR FILING DATE: 2000-05-18
    16 <160> NUMBER OF SEQ ID NOS: 3
    18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    20 <210> SEQ ID NO: 1
    21 <211> LENGTH: 1041
    22 <212> TYPE: DNA
    23 <213> ORGANISM: homo sapiens
    25 <400> SEQUENCE: 1
    26 atgggccctg ctggctgtgc cttcacgctg ctccttctgc tggggatctc agtgtgtggg      60
    27 caacctgtat actccagccg cgttgtaggt ggccaggatg ctgctgcagg gcgctggcct     120
    28 tggcaggtca gcctacactt tgaccacaac tttatctatg gaggttccct cgtcagtgag     180
    29 aggttgatac tgacagcagc acactgcata caaccgacct ggactacttt ttcatatact     240
    30 gtgtggctag gatcgattac agtaggtgac tcaaggaaac gtgtgaagta ctacgtgtcc     300
    31 aaaatcgtca tccatcccaa gtaccaagat acaacggcag acrtcgcctt gttgaaactg     360
    32 tcctctcaag tcaccttcac ttctgccatc ctgcctattt gcttgcccag tgtcacaaag     420
    33 cagttggcaa ttccacccct ttgttgggtg accggatggg gaaaagttaa ggaaagttca     480
    34 gatagagatt accattctgc ccttcaggaa gcagaagtac ccattattga ccgccaggct     540
    35 tgtgaacagc tctacaatcc catcggtatc ttcttgccag cactggagcc agtcatcaag     600
    36 gaagacaaga tttgtgctgg tgatactcaa aacatgaagg atagttgcaa gggtgattct     660
    37 ggagggcctc tgtcgtgtca cattgatggt gtatggatcc agacaggagt agtaagctgg     720
    38 ggattagaat gtggtaaatc tcttcctgga gtctacacca atgtaatcta ctaccaaaaa     780
    39 tggattaatg ccactatttc aagagccaac aatctagact tctctgactt cttgttccct     840
    40 attgtcctac tctctctggc tctcctgygt ccctcctgtg cctttggacc taacactata     900
    41 cacagagtag gcactgtagc tgaagctgtt gcttgcatac agggctggga agagaatgca     960
    42 tggagattta gtcccagggg cagagaactc acaggagagc cactgctaac cctgggtgac    1020
    43 tttatttaca atttgaaatg a                                              1041
    45 <210> SEQ ID NO: 2
    46 <211> LENGTH: 346
    47 <212> TYPE: PRT
    48 <213> ORGANISM: homo sapiens
    50 <400> SEQUENCE: 2
    51 Met Gly Pro Ala Gly Cys Ala Phe Thr Leu Leu Leu Leu Leu Gly Ile
    52 1               5                   10                  15
    53 Ser Val Cys Gly Gln Pro Val Tyr Ser Ser Arg Val Val Gly Gly Gln
    54             20                  25                  30
    55 Asp Ala Ala Ala Gly Arg Trp Pro Trp Gln Val Ser Leu His Phe Asp
    56         35                  40                  45
    57 His Asn Phe Ile Tyr Gly Gly Ser Leu Val Ser Glu Arg Leu Ile Leu
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58      50                  55                  60
59 Thr Ala Ala His Cys Ile Gln Pro Thr Trp Thr Thr Phe Ser Tyr Thr
60 65                  70                  75                  80
61 Val Trp Leu Gly Ser Ile Thr Val Gly Asp Ser Arg Lys Arg Val Lys
62                  85                  90                  95
63 Tyr Tyr Val Ser Lys Ile Val Ile His Pro Lys Tyr Gln Asp Thr Thr
64                  100                 105                 110
65 Ala Asp Val Ala Leu Leu Lys Leu Ser Ser Gln Val Thr Phe Thr Ser
66              115                 120                 125
67 Ala Ile Leu Pro Ile Cys Leu Pro Ser Val Thr Lys Gln Leu Ala Ile
68      130                 135                 140
69 Pro Pro Phe Cys Trp Val Thr Gly Trp Gly Lys Val Lys Glu Ser Ser
70 145                 150                 155                 160
71 Asp Arg Asp Tyr His Ser Ala Leu Gln Glu Ala Glu Val Pro Ile Ile
72              165                 170                 175
73 Asp Arg Gln Ala Cys Glu Gln Leu Tyr Asn Pro Ile Gly Ile Phe Leu
74              180                 185                 190
75 Pro Ala Leu Glu Pro Val Ile Lys Glu Asp Lys Ile Cys Ala Gly Asp
76              195                 200                 205
77 Thr Gln Asn Met Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu
78      210                 215                 220
79 Ser Cys His Ile Asp Gly Val Trp Ile Gln Thr Gly Val Val Ser Trp
80 225                 230                 235                 240
81 Gly Leu Glu Cys Gly Lys Ser Leu Pro Gly Val Tyr Thr Asn Val Ile
82              245                 250                 255
83 Tyr Tyr Gln Lys Trp Ile Asn Ala Thr Ile Ser Arg Ala Asn Asn Leu
84              260                 265                 270
85 Asp Phe Ser Asp Phe Leu Phe Pro Ile Val Leu Leu Ser Leu Ala Leu
86              275                 280                 285
87 Leu Cys Pro Ser Cys Ala Phe Gly Pro Asn Thr Ile His Arg Val Gly
88    290                 295                 300
89 Thr Val Ala Glu Ala Val Ala Cys Ile Gln Gly Trp Glu Glu Asn Ala
90 305                 310                 315                 320
91 Trp Arg Phe Ser Pro Arg Gly Arg Glu Leu Thr Gly Glu Pro Leu Leu
92              325                 330                 335
93 Thr Leu Gly Asp Phe Ile Tyr Asn Leu Lys
94              340                 345
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 1286
98 <212> TYPE: DNA
99 <213> ORGANISM: homo sapiens
101 <400> SEQUENCE: 3
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103 gagaggaggg ggtgaagcag aggaatccat ctaggagaag ctagttctgg cagctcccca     120
104 ttggcctctt cctgggagcc tgagtccagg aagcaggaag cgctcactgg ctctgaggac     180
105 agagacatgg gccctgctgg ctgtgccttc acgctgctcc ttctgctggg gatctcagtg     240
106 tgtgggcaac ctgtatactc cagccgcgtt gtaggtggcc aggatgctgc tgcagggcgc     300
107 tggccttggc aggtcagcct acactttgac cacaacttta tctatggagg ttccctcgtc     360
108 agtgagaggt tgatactgac agcagcacac tgcatacaac cgacctggac tacttttca      420
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109 tatactgtgt ggctaggatc gattacagta ggtgactcaa ggaaacgtgt gaagtactac    480
110 gtgtccaaaa tcgtcatcca tcccaagtac caagatacaa cggcagacrt cgccttgttg    540
111 aaactgtcct ctcaagtcac cttcacttct gccatcctgc ctatttgctt gcccagtgtc    600
112 acaaagcagt tggcaattcc acccttttgt tgggtgaccg gatggggaaa agttaaggaa    660
113 agttcagata gagattacca ttctgccctt caggaagcag aagtacccat tattgaccgc    720
114 caggcttgtg aacagctcta caatcccatc ggtatcttct tgccagcact ggagccagtc    780
115 atcaaggaag acaagatttg tgctggtgat actcaaaaca tgaaggatag ttgcaagggt    840
116 gattctggag ggcctctgtc gtgtcacatt gatggtgtat ggatccagac aggagtagta    900
117 agctggggat tagaatgtgg taaatctctt cctggagtct acaccaatgt aatctactac    960
118 caaaaatgga ttaatgccac tatttcaaga gccaacaatc tagacttctc tgacttcttg   1020
119 ttccctattg tcctactctc tctggctctc ctgygtccct cctgtgcctt tggacctaac   1080
120 actatacaca gagtaggcac tgtagctgaa ctgttgctt gcatacaggg ctgggaagag    1140
121 aatgcatgga gatttagtcc caggggcaga gaactcacag gagagccact gctaaccctg   1200
122 ggtgacttta tttacaattt gaaatgattt tgtttttaag gtttttgatt ttggaagttt   1260
123 tggggttgga aagtgaagag ttaaga                                        1286
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VERIFICATION SUMMARY   DATE: 10/03/2001
PATENT APPLICATION: US/09/854,844   TIME: 15:31:31

Input Set : A:\LEX-0176-USA SEQLIST.txt
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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date